

## Abstract

The invention relates to a method for loading a fibrous suspension containing cellulose fibers with calcium carbonate with the following steps of the method: Introduction of calcium hydroxide in liquid or dry form or of calcium oxide into the fibrous suspension, introduction of gaseous carbon dioxide into the fibrous suspension and precipitation of calcium carbonate in spherical agglomerations (49) of crystals by the carbon dioxide. To this end, an arrangement for loading the fibrous suspension containing cellulose fibers is also created.